



**US Army Corps
of Engineers®**

Detroit District
P.O. Box 1027
Detroit, MI 48231-1027
(313) 226-6797
FAX - (313) 226-3519

Notice to Navigation Interests

Notice No. L05-06

Date: 11 MARCH 2005

Waterway: LAKE SUPERIOR

Location: MINNESOTA-WISCONSIN

CELRE-OT-T

CONDITION OF FEDERAL NAVIGATION CHANNEL
DULUTH-SUPERIOR HARBOR

1. The latest available condition surveys performed at Duluth-Superior Harbor, Minnesota and Wisconsin are generally as indicated on the following sheets.
2. All depths are referred to Low Water Datum 601.1 feet above Mean Sea Level at Rimouski, Quebec (IGLD, 1985).
3. Mariners are urged to use extreme caution in the area.
4. All inquiries should be addressed to CELRE-OT-T and should refer to Notice to Navigation Interests No. L05-06. Internet address: <http://www.lre.usace.army.mil> Go to: Detroit Home Page, Who We Are, Operations Office Home Page.

DONALD P. LAUZON
Lieutenant Colonel, U.S. Army
District Engineer

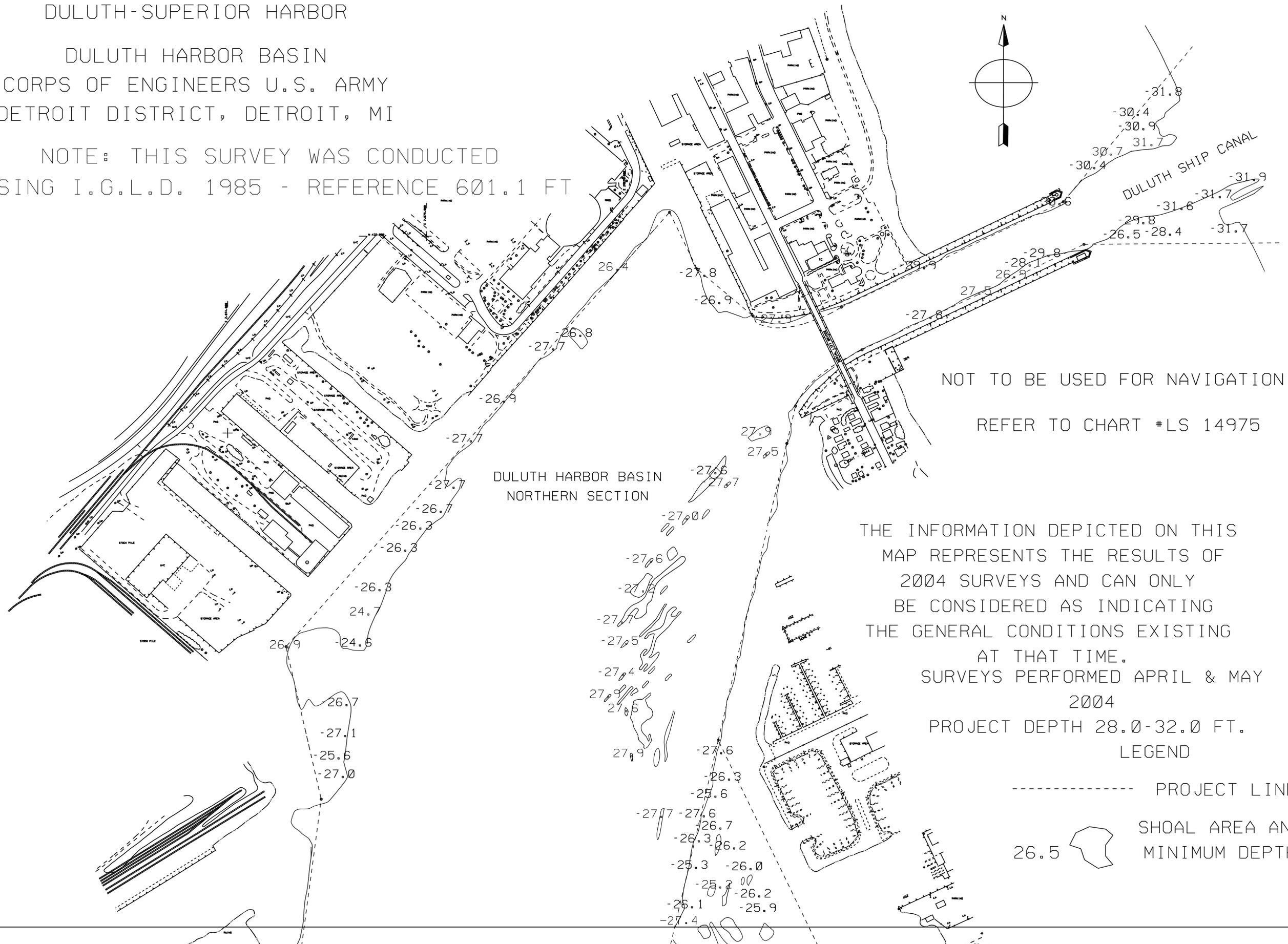
Notice to the Postmaster:

It is requested that the above notice be conspicuously and continuously posted until November 30, 2005.

DULUTH-SUPERIOR HARBOR

DULUTH HARBOR BASIN
CORPS OF ENGINEERS U.S. ARMY
DETROIT DISTRICT, DETROIT, MI

NOTE: THIS SURVEY WAS CONDUCTED
USING I.G.L.D. 1985 - REFERENCE 601.1 FT



NOT TO BE USED FOR NAVIGATION
REFER TO CHART #LS 14975

THE INFORMATION DEPICTED ON THIS
MAP REPRESENTS THE RESULTS OF
2004 SURVEYS AND CAN ONLY
BE CONSIDERED AS INDICATING
THE GENERAL CONDITIONS EXISTING
AT THAT TIME.
SURVEYS PERFORMED APRIL & MAY
2004
PROJECT DEPTH 28.0-32.0 FT.

LEGEND
----- PROJECT LINE
26.5 [shaded area symbol] SHOAL AREA AND
MINIMUM DEPTH

NOTE: THIS SURVEY WAS CONDUCTED
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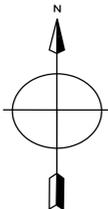
DULUTH-SUPERIOR HARBOR

EAST GATE BASIN
CORPS OF ENGINEERS U.S. ARMY
DETROIT DISTRICT, DETROIT, MI

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MAP REPRESENTS THE RESULTS OF
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SURVEYS PERFORMED JUNE - SEPTEMBER 2004

PROJECT DEPTH 27.0 FT.

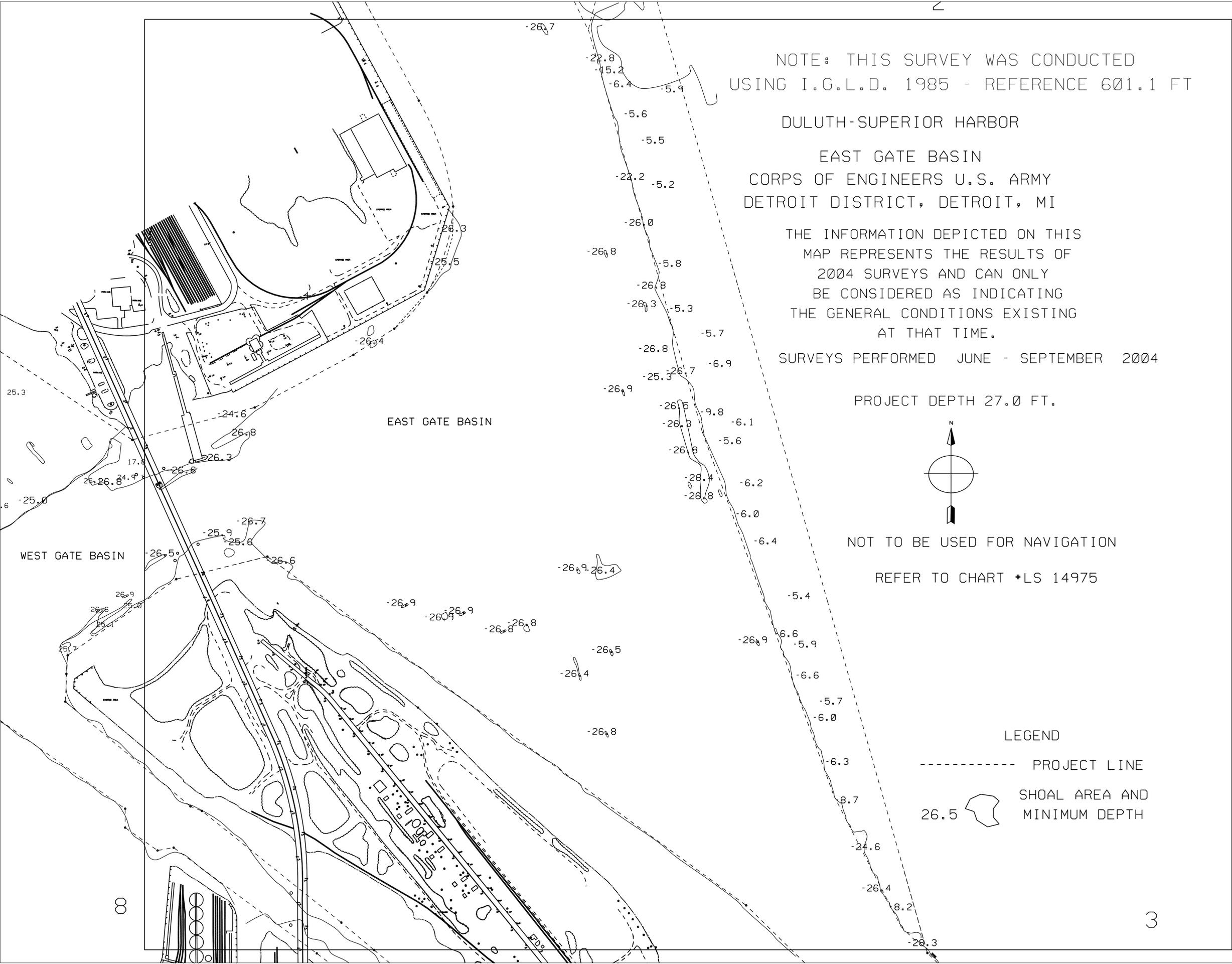


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REFER TO CHART #LS 14975

LEGEND

- PROJECT LINE
- 26.5 SHOAL AREA AND
MINIMUM DEPTH



DULUTH-SUPERIOR HARBOR
SUPERIOR FRONT CHANNEL
CORPS OF ENGINEERS U.S. ARMY
DETROIT DISTRICT, DETROIT, MI

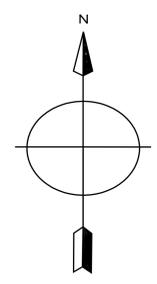
THE INFORMATION DEPICTED ON THIS
MAP REPRESENTS THE RESULTS OF
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SURVEYS PERFORMED MAY - NOV. 2004

NOTE: THIS SURVEY WAS CONDUCTED
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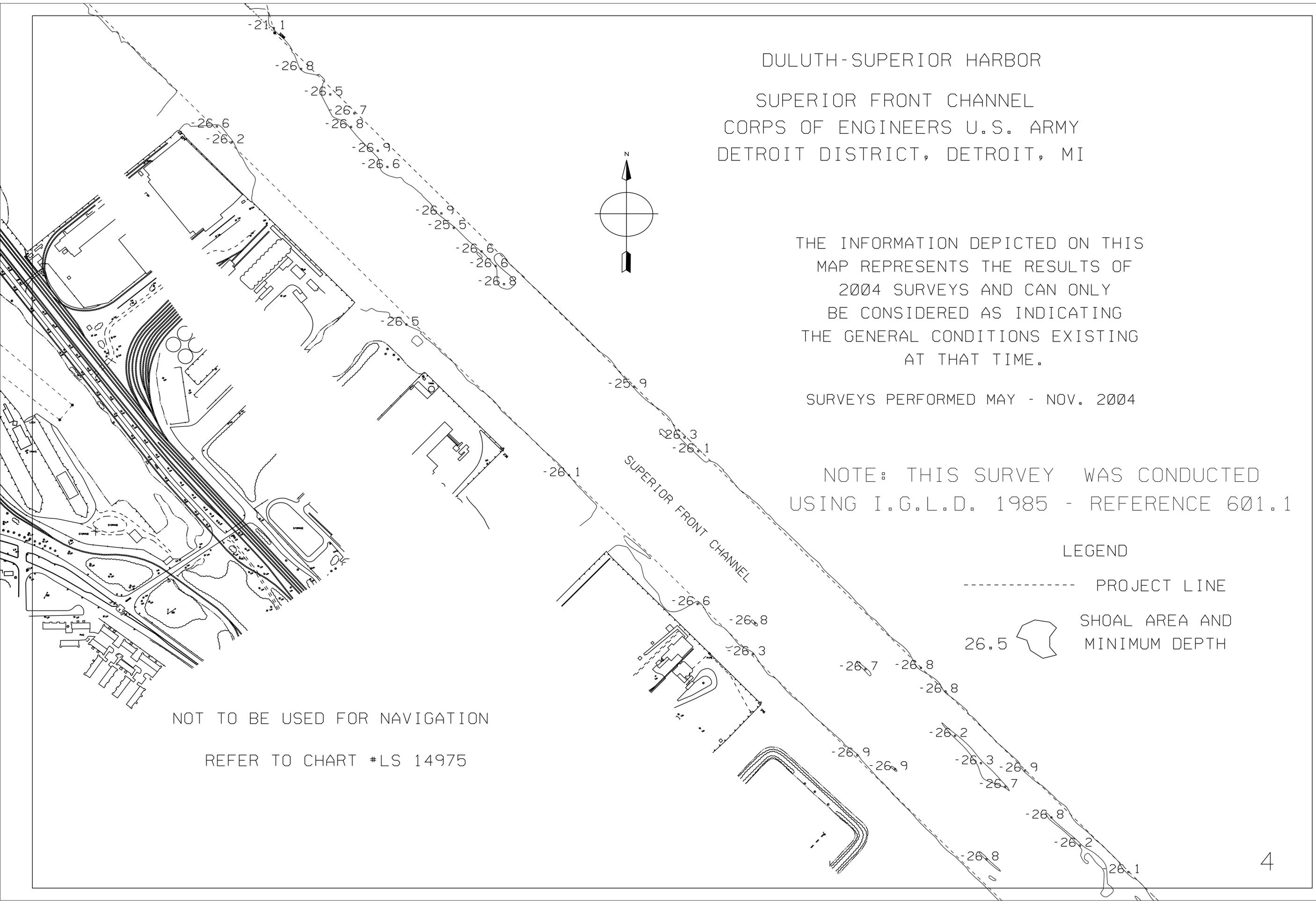
LEGEND

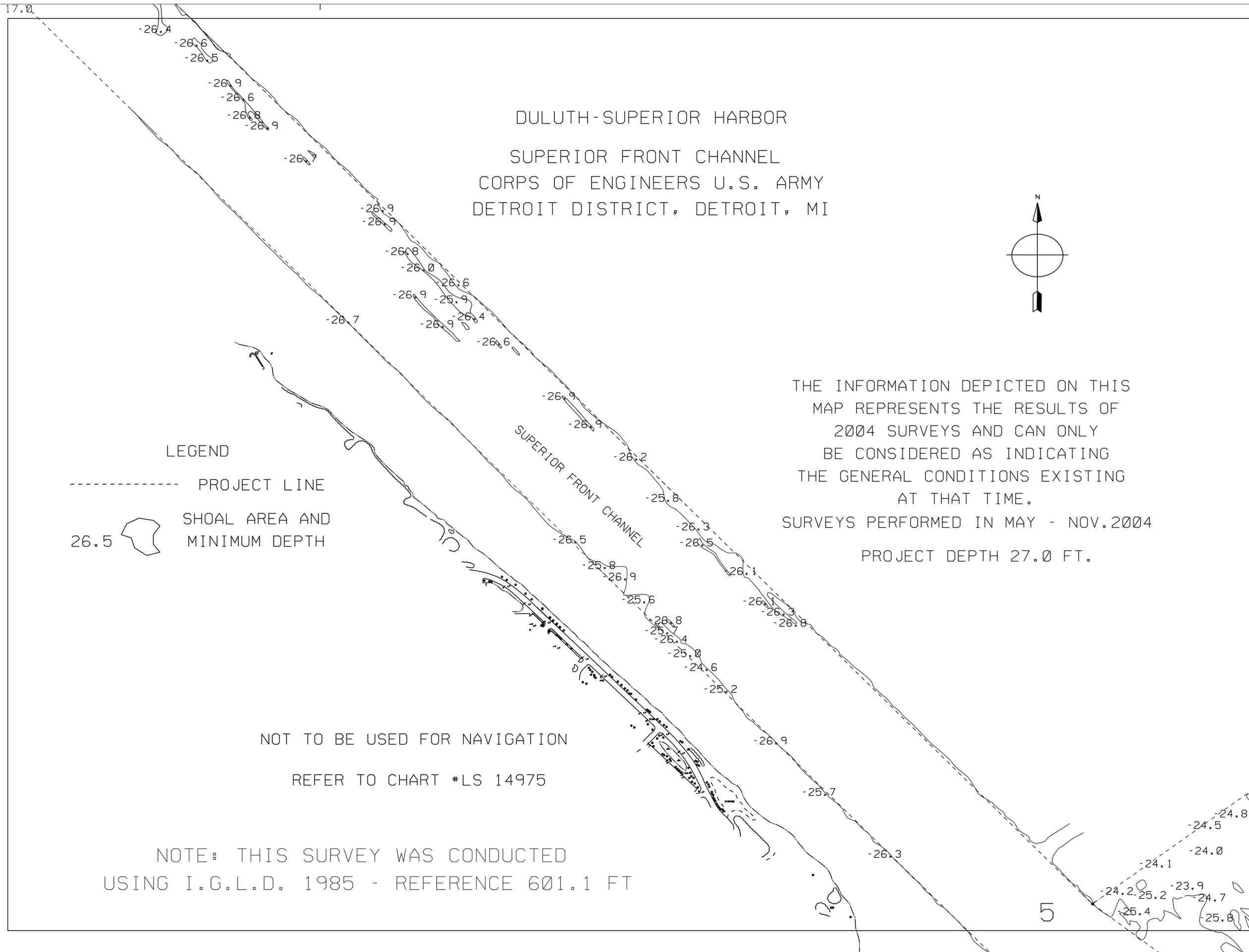
- PROJECT LINE
- 26.5  SHOAL AREA AND MINIMUM DEPTH



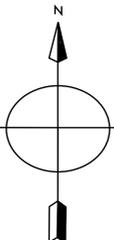
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DULUTH-SUPERIOR HARBOR
 SUPERIOR FRONT CHANNEL
 CORPS OF ENGINEERS U.S. ARMY
 DETROIT DISTRICT, DETROIT, MI



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 SURVEYS PERFORMED IN MAY - NOV. 2004
 PROJECT DEPTH 27.0 FT.

LEGEND
 ----- PROJECT LINE
 26.5  SHOAL AREA AND
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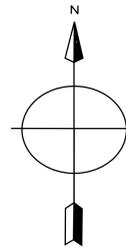
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NOTE: THIS SURVEY WAS CONDUCTED
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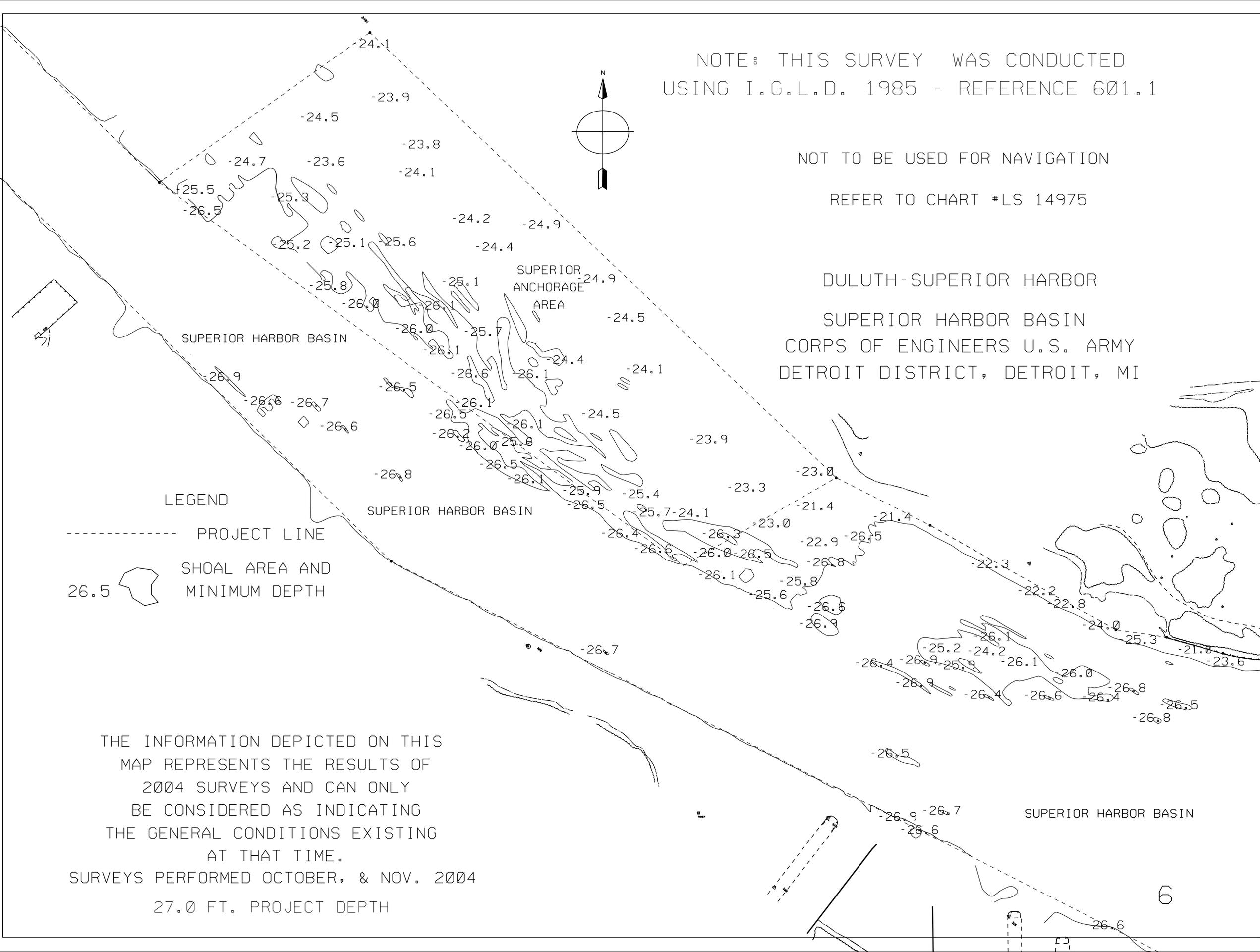
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DULUTH-SUPERIOR HARBOR
SUPERIOR HARBOR BASIN
CORPS OF ENGINEERS U.S. ARMY
DETROIT DISTRICT, DETROIT, MI



LEGEND
----- PROJECT LINE
26.5  SHOAL AREA AND
MINIMUM DEPTH

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AT THAT TIME.
SURVEYS PERFORMED OCTOBER, & NOV. 2004
27.0 FT. PROJECT DEPTH

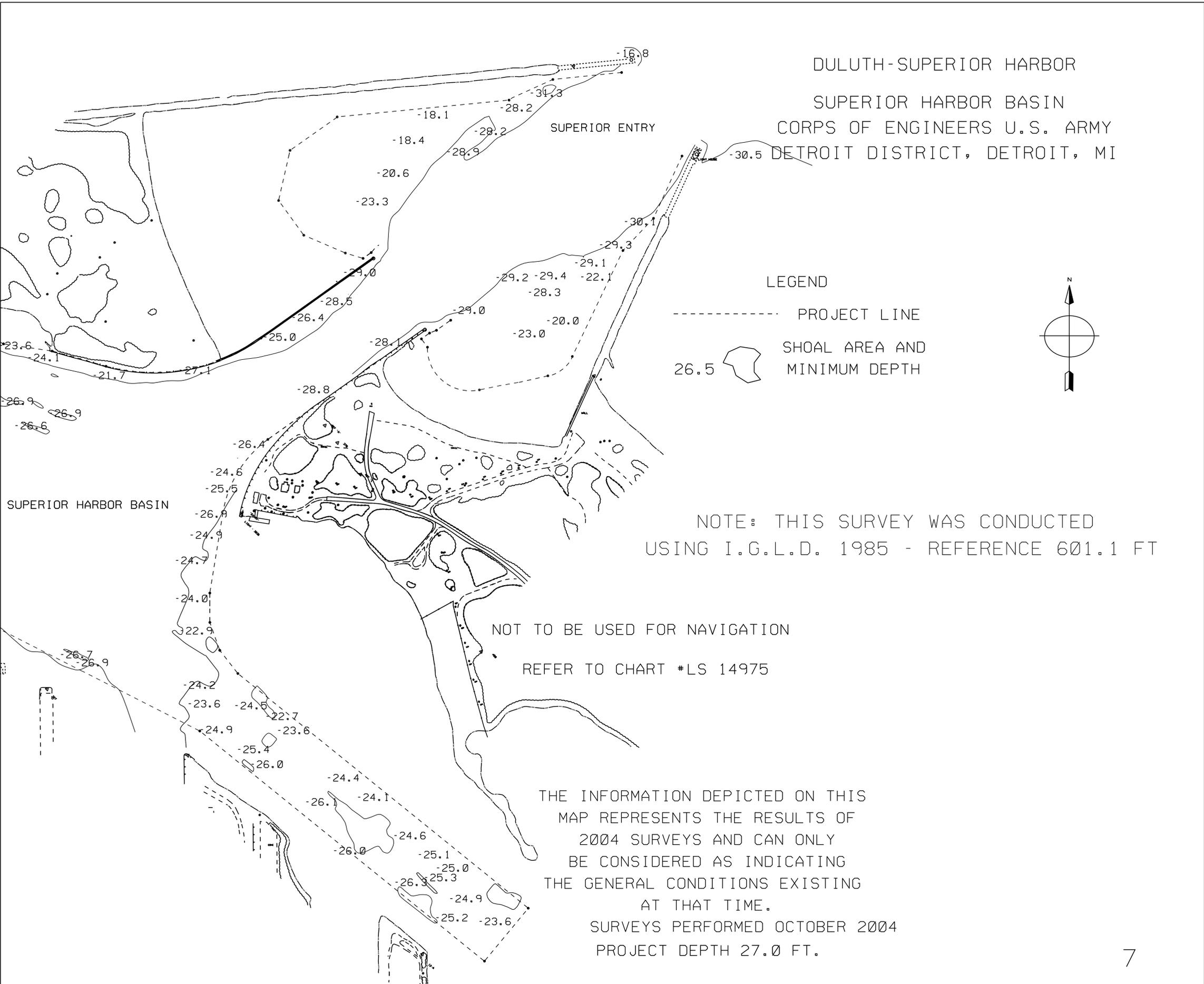


...R BASIN
...S U.S. ARMY
...T, MI

DULUTH-SUPERIOR HARBOR
SUPERIOR HARBOR BASIN
CORPS OF ENGINEERS U.S. ARMY
DETROIT DISTRICT, DETROIT, MI

...R HARBOR BASIN

SUPERIOR HARBOR BASIN



LEGEND
----- PROJECT LINE
26.5 [shoal symbol] SHOAL AREA AND MINIMUM DEPTH

NOTE: THIS SURVEY WAS CONDUCTED
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SURVEYS PERFORMED OCTOBER 2004
PROJECT DEPTH 27.0 FT.

DULUTH-SUPERIOR HARBOR
ST. LOUIS BAY
CORPS OF ENGINEERS U.S. ARMY
DETROIT DISTRICT, DETROIT, MI

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LEGEND

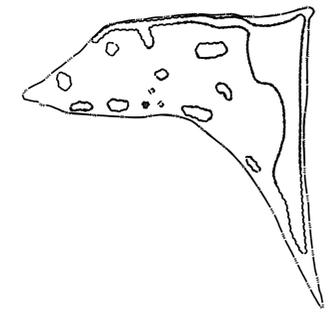
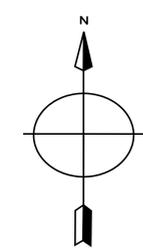
- PROJECT LINE
- 26.5 [shoal symbol] SHOAL AREA AND MINIMUM DEPTH

27.0 FT. PROJECT DEPTH

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SURVEYS PERFORMED JUNE, JULY, AUG.
& NOV. 2004

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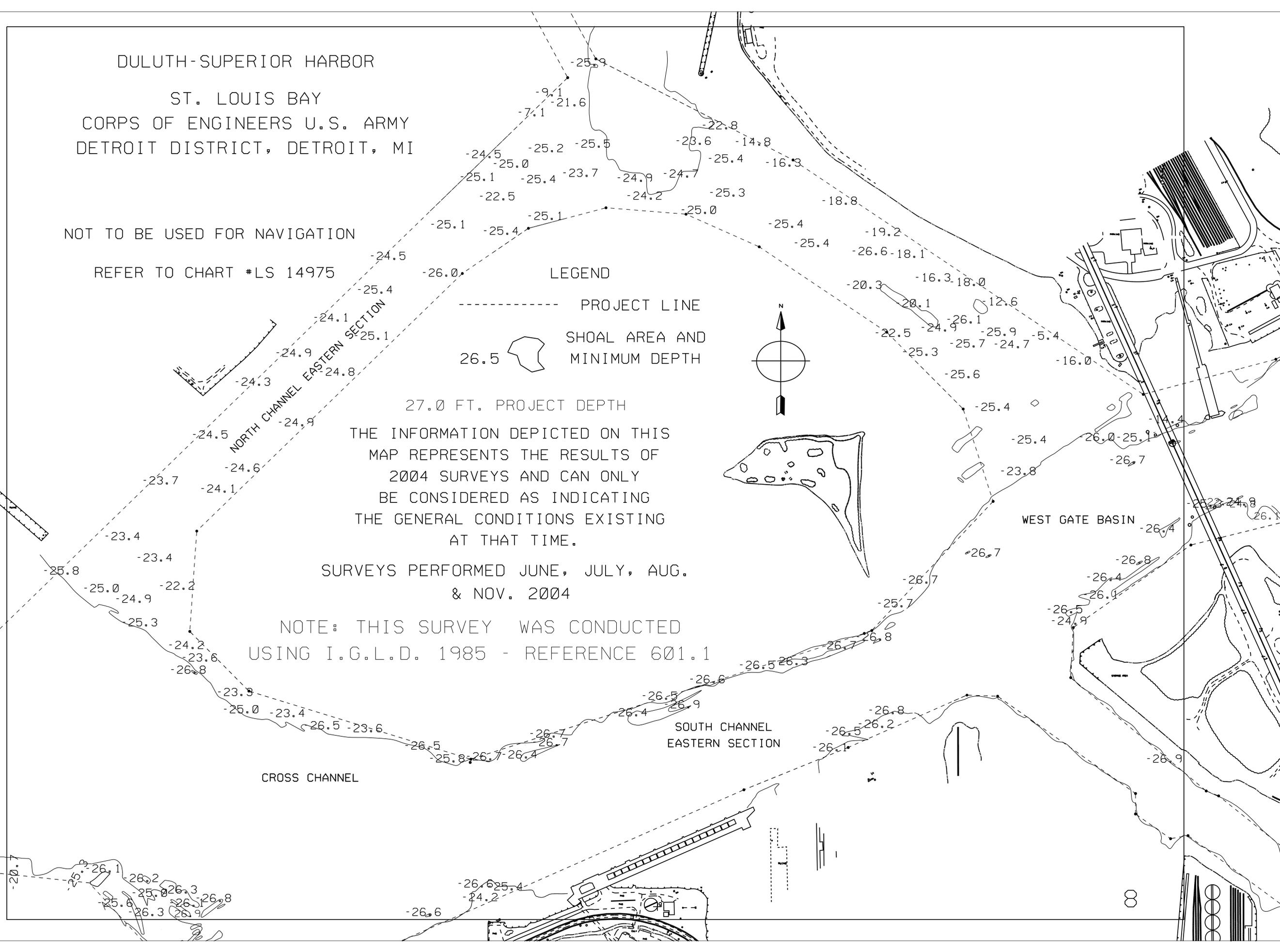


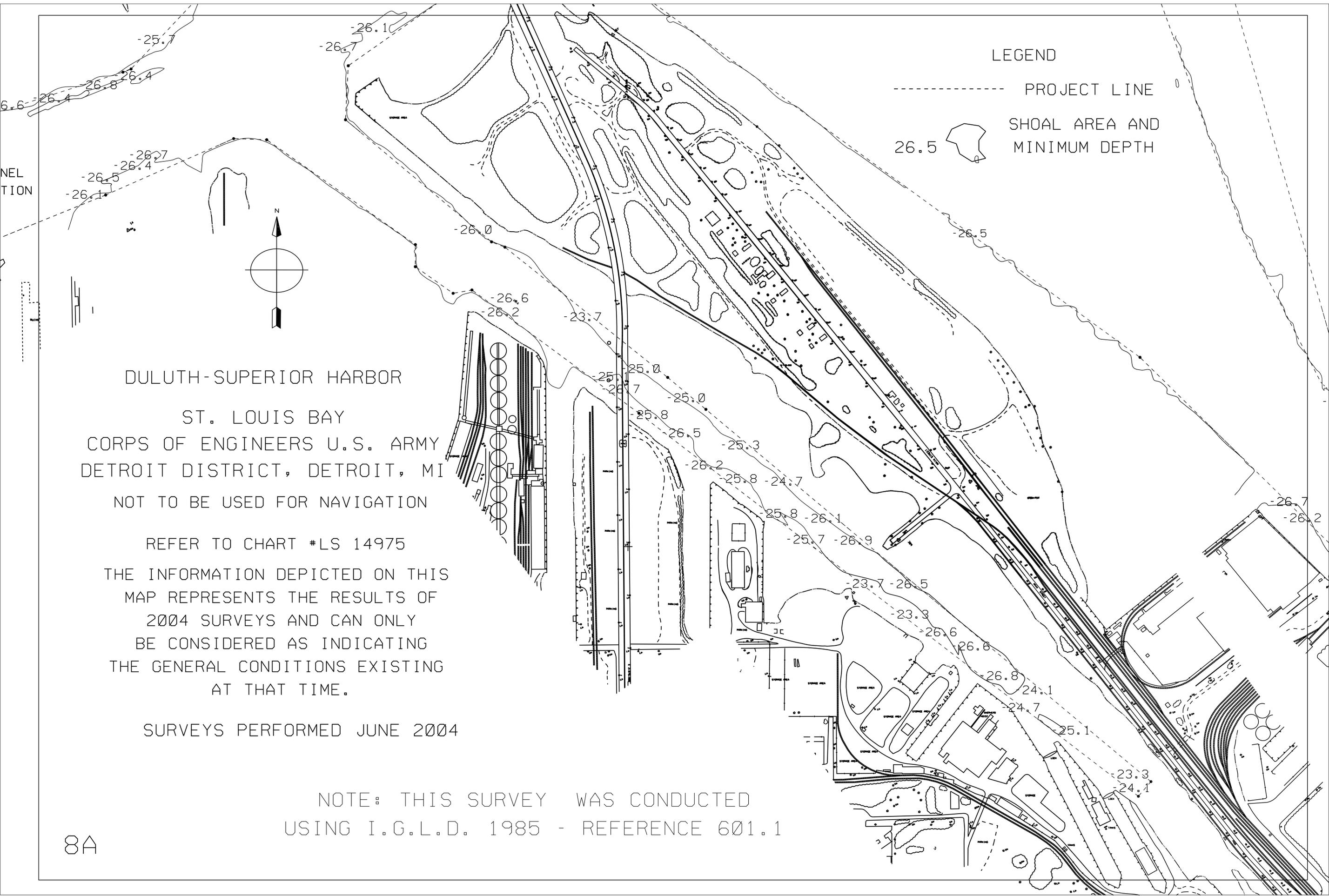
NORTH CHANNEL EASTERN SECTION

SOUTH CHANNEL EASTERN SECTION

CROSS CHANNEL

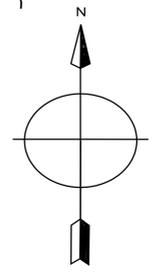
WEST GATE BASIN





LEGEND

- - - - - PROJECT LINE
- 26.5 [shaded area symbol] SHOAL AREA AND MINIMUM DEPTH



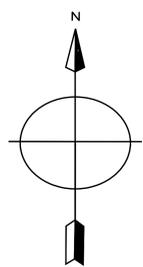
DULUTH-SUPERIOR HARBOR
 ST. LOUIS BAY
 CORPS OF ENGINEERS U.S. ARMY
 DETROIT DISTRICT, DETROIT, MI
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SURVEYS PERFORMED JUNE 2004

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DULUTH-SUPERIOR HARBOR
 ST. LOUIS BAY
 CORPS OF ENGINEERS U.S. ARMY
 DETROIT DISTRICT, DETROIT, MI



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 SURVEYS PERFORMED SEPT. & OCT. 2004

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NORTH CHANNEL WESTERN SECTION

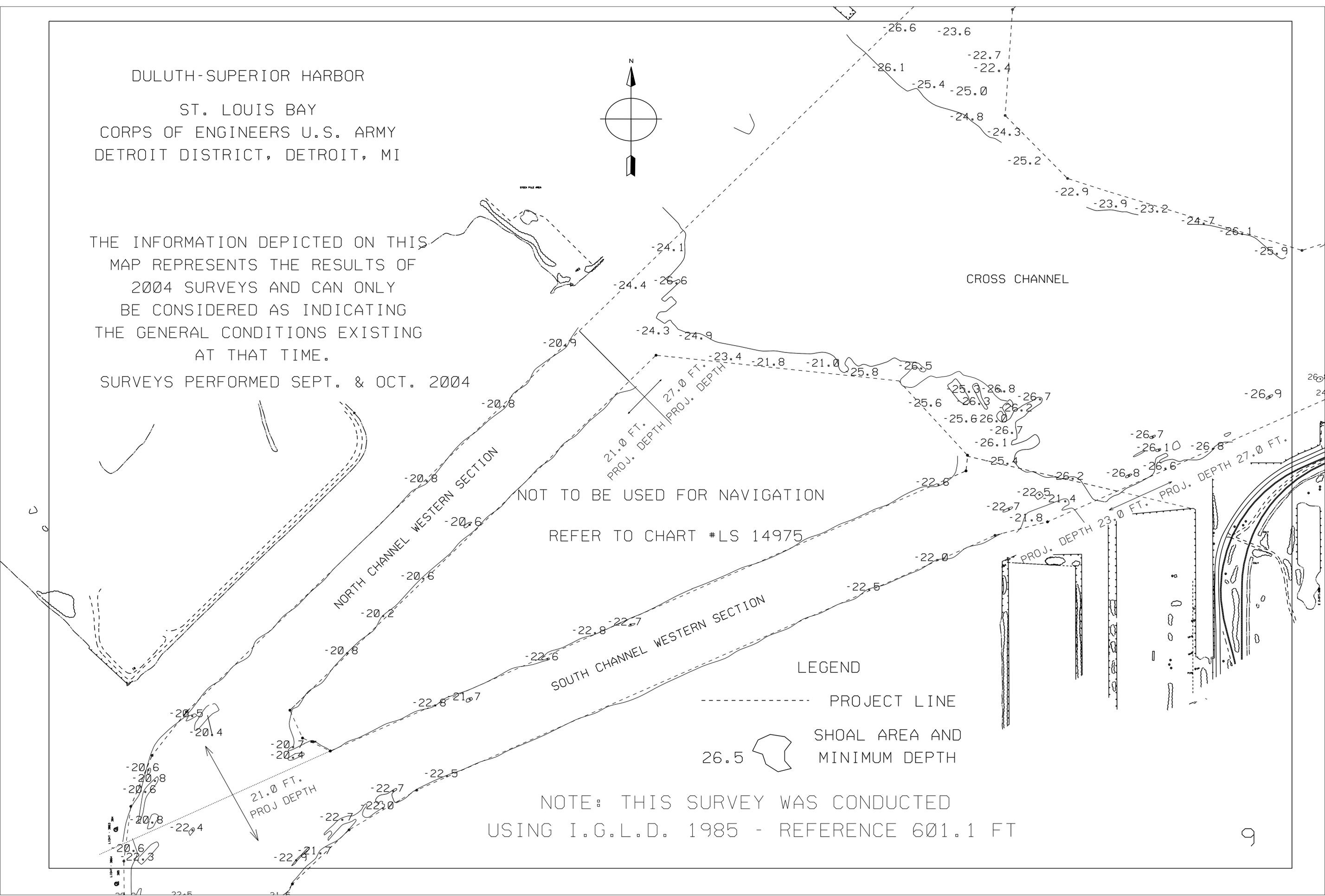
SOUTH CHANNEL WESTERN SECTION

CROSS CHANNEL

LEGEND

- PROJECT LINE
- 26.5 SHOAL AREA AND MINIMUM DEPTH

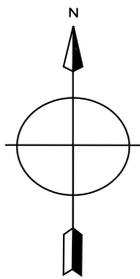
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DULUTH-SUPERIOR HARBOR
MINNESOTA & UPPER CHANNELS
CORPS OF ENGINEERS U.S. ARMY
DETROIT DISTRICT, DETROIT, MI

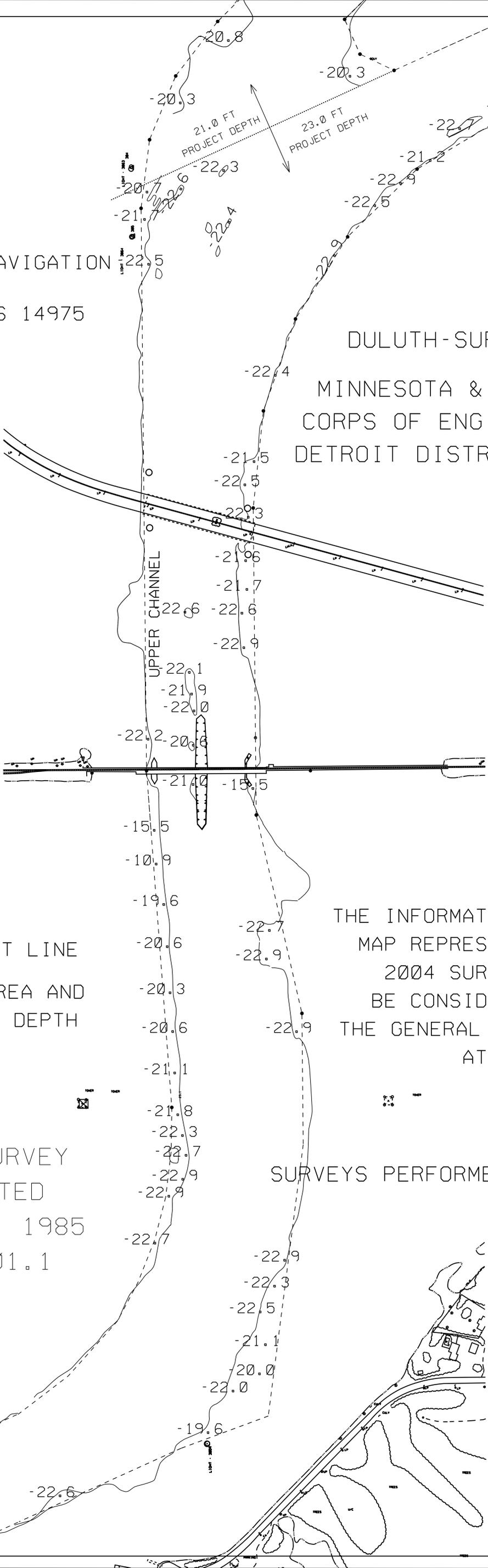


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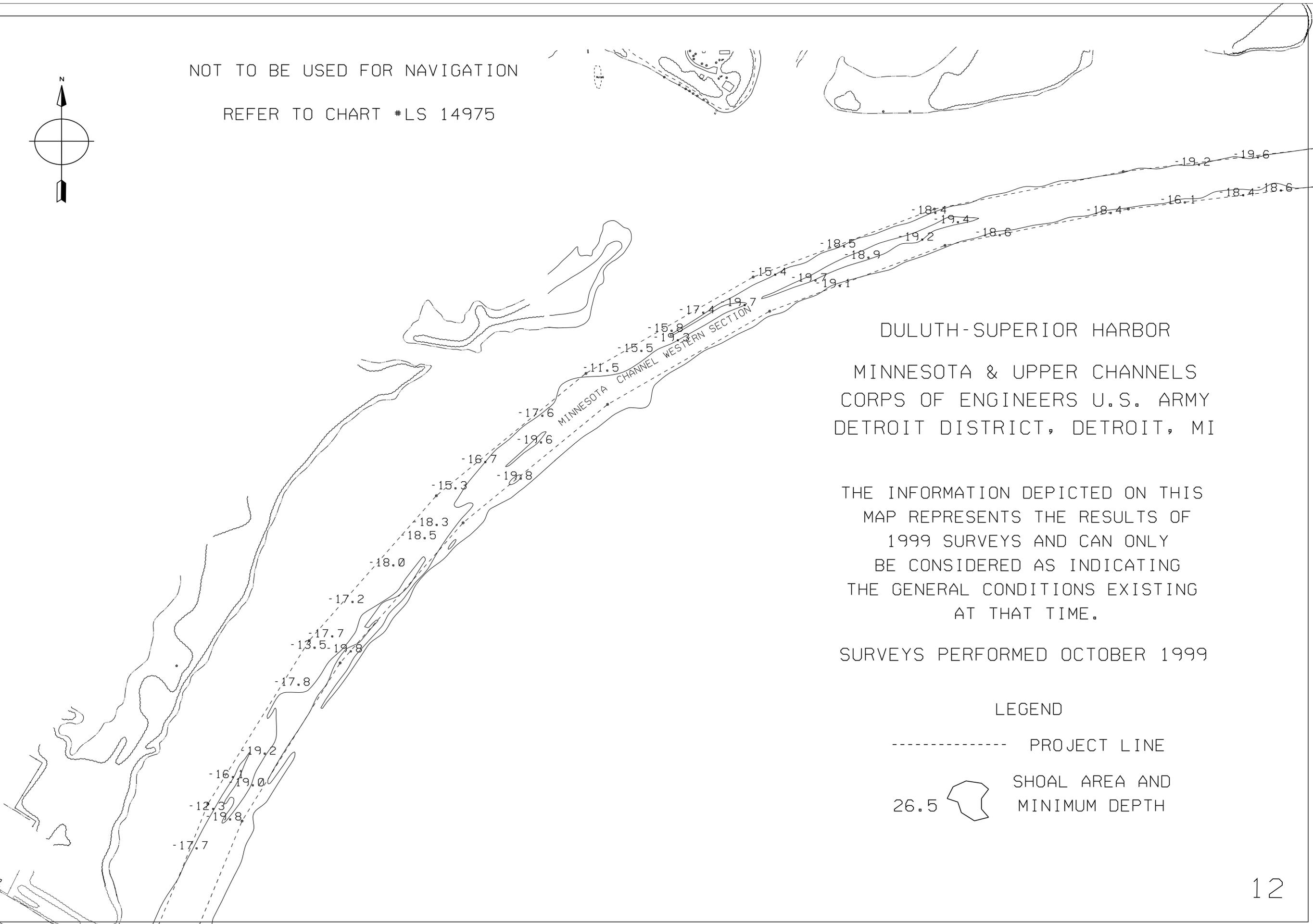
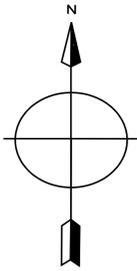
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SURVEYS PERFORMED SEPT-NOV., 2004



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DULUTH-SUPERIOR HARBOR

MINNESOTA & UPPER CHANNELS
CORPS OF ENGINEERS U.S. ARMY
DETROIT DISTRICT, DETROIT, MI

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SURVEYS PERFORMED OCTOBER 1999

LEGEND

----- PROJECT LINE

26.5  SHOAL AREA AND
MINIMUM DEPTH

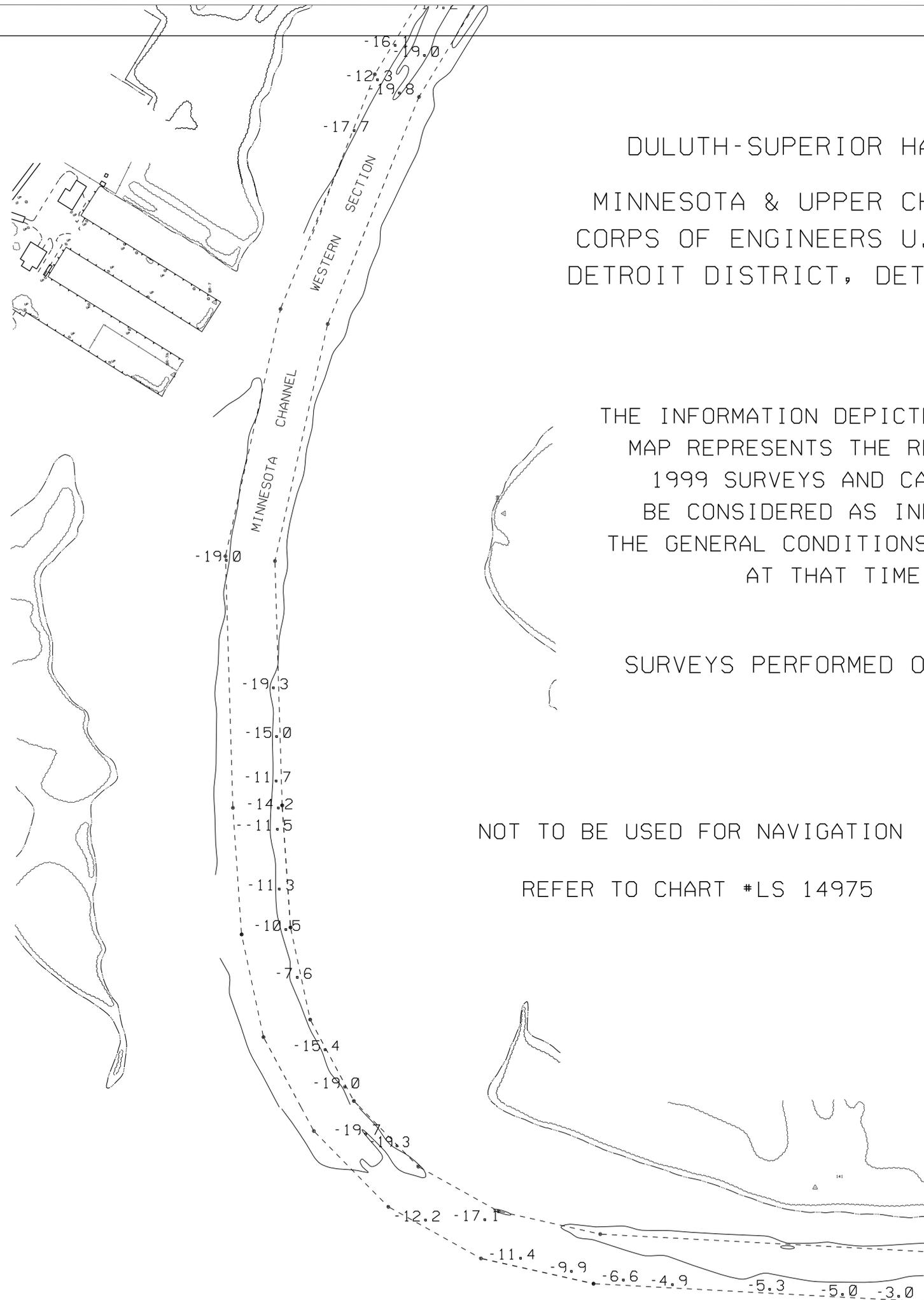
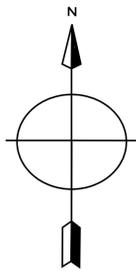
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SURVEYS PERFORMED OCTOBER 1999

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LEGEND

----- PROJECT LINE

26.5  SHOAL AREA AND
MINIMUM DEPTH

